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United States
Department of
Agriculture

Animal and Plant
Health Inspection
Service

Veterinary
Services

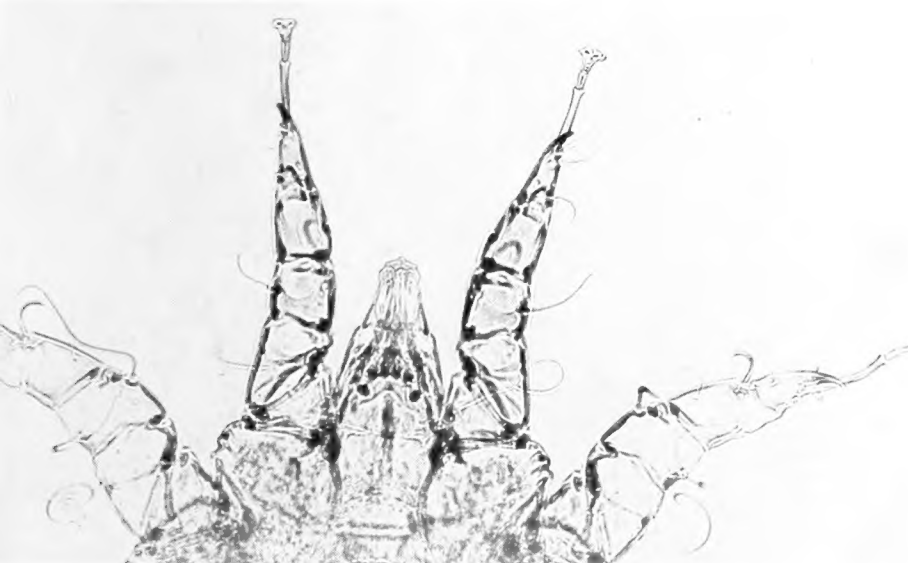
Adult Scabies Mites Comparative Features



(mouth parts, pedicels and suckers)



(mouth parts, pedicels and suckers)



(mouth parts, pedicels and suckers)

Sarcoptes

- Body—Rounded, short, backward projecting spines on dorsum
- Mouthparts—Blunt
- Pedicels (leg stalks)—Long and unjointed; third and fourth pair of legs do not usually extend beyond rim of body
- Sucker disks
Female: on legs 1 and 2
Male: on legs 1, 2 and 4
- Maximum size
Female: about 0.50mm
Male: about 0.30mm

Chorioptes

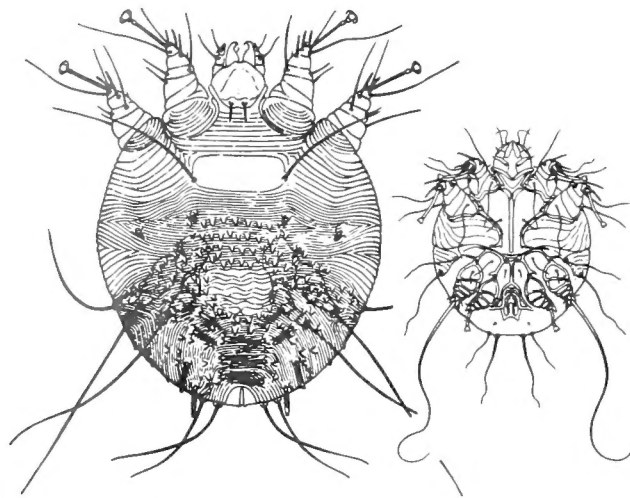
- Body—Oval, compressed laterally
- Mouthparts—Blunt
- Pedicels (leg stalks)—Short and unjointed; third pair of legs extend from the indentation in the body wall
- Sucker disks
Female: on legs 1, 2 and 4
Male: on legs 1, 2, 3 and 4
- Maximum size
Female: about 0.40mm
Male: about 0.35mm

Psoroptes

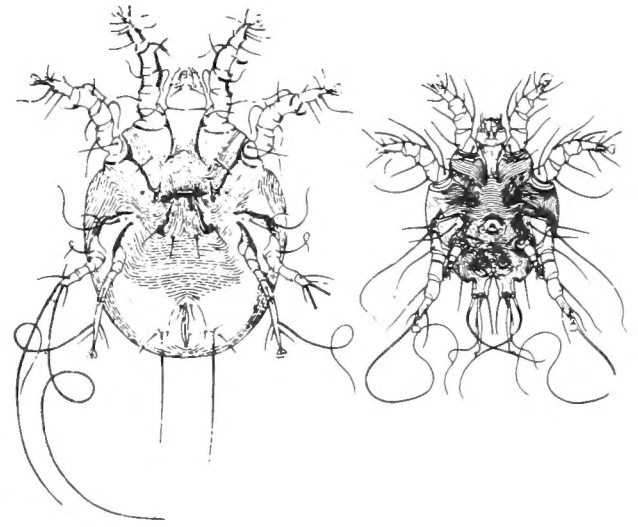
- Body—Oval
- Mouthparts—Sharp, piercing, and elongated
- Pedicels (leg stalks)—Long and jointed
- Sucker disks
Female: on legs 1, 2 and 4
Male: on legs 1, 2 and 3
- Maximum size
Female: about 0.80mm
Male: about 0.70mm



Mites Found on Livestock

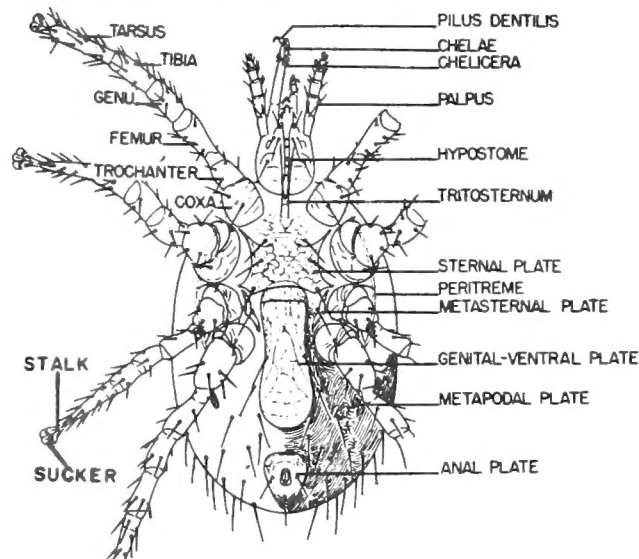


Mange Mite
Sarcoptes scabiei (Degeer)
Left: dorsal view of female
Right: ventral view of male

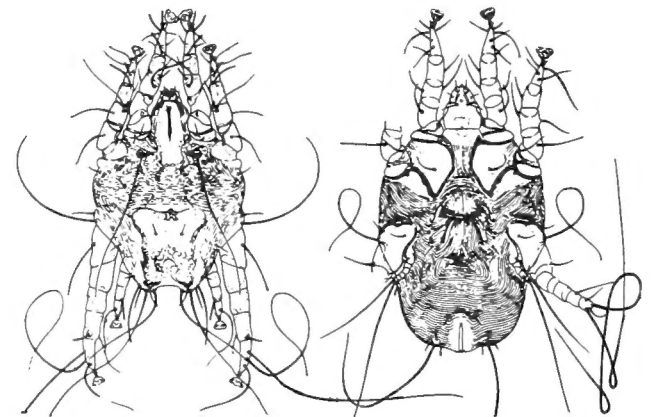


Mange Mite
Chorioptes bovis (Gerlach)
Left: ventral view of female
Right: ventral view of male

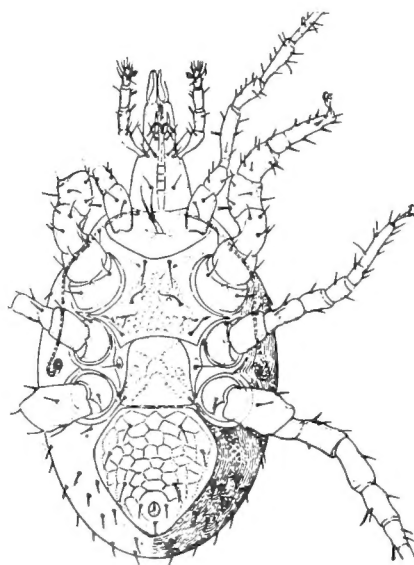
Mites Found on Other Animals



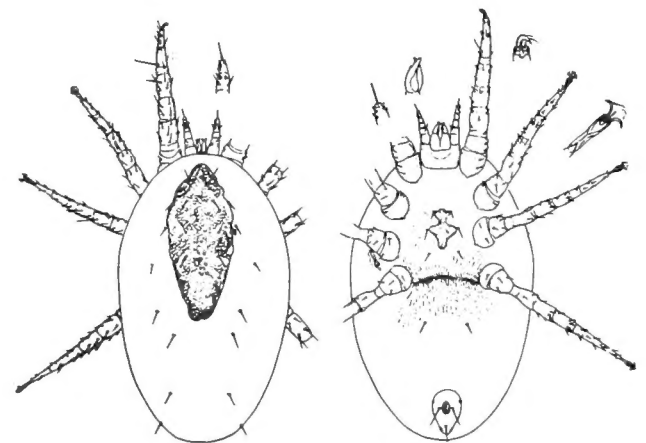
Common Rodent Mite
Haemolaelaps glasgowii (Ewing)
Ventral view of female with
morphological characters labeled.



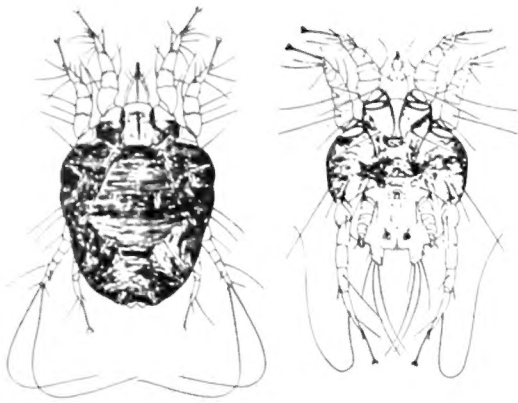
Ear Mite
Otodectes cynotis (Hering)
Left: dorsal view of male
Right: ventral view of female



House Fly Mite
Macrocheles muscaedomesticae
(Scopoli)
Ventral view of female



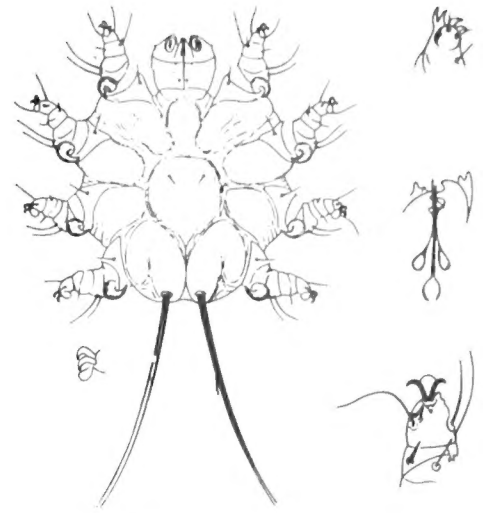
Dog Nasal Mite
Pneumonyssus caninum (C. and R.)
Left: dorsal view of female
Right: ventral view of female



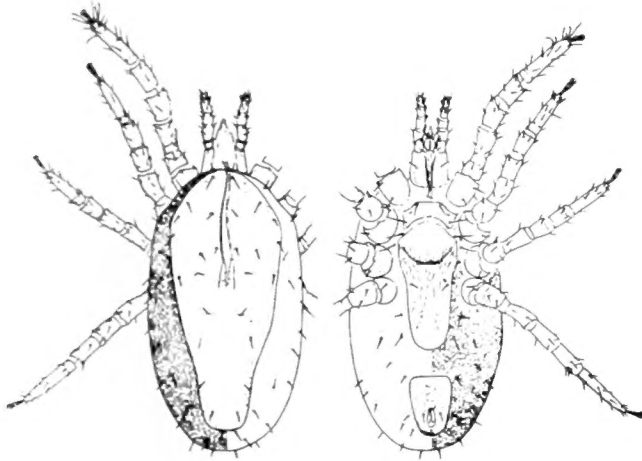
Common Scabies Mite
Psoroptes equi (Hering)
Left: dorsal view of female
Right: ventral view of male



Follicle Mite
Demodex
Ventral view of female



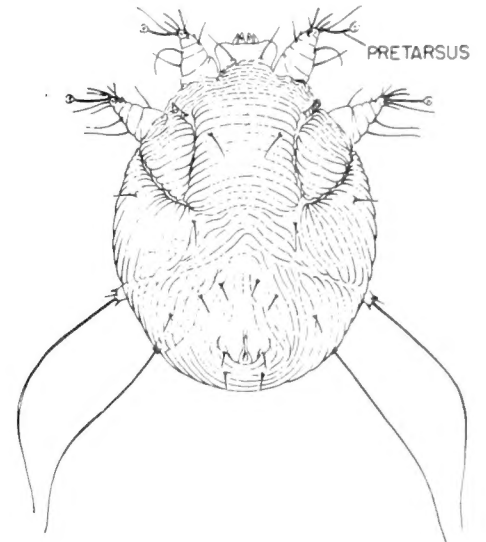
Sheep Itch Mites
Psorergates simplex (Tyrell);
Left: female
Right: *P. ovis*; palps, chelicera
and tarsus I



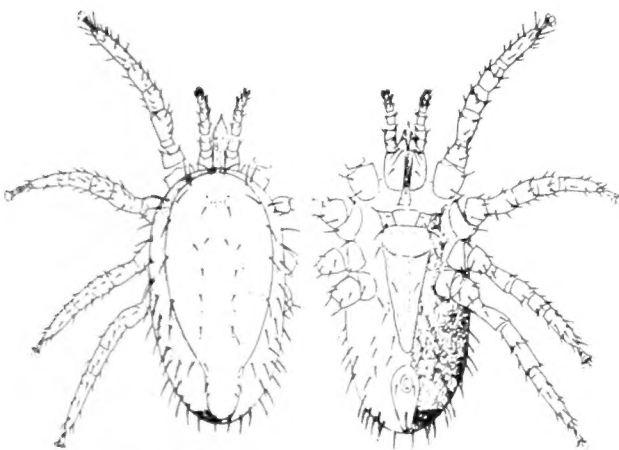
Chicken Mite
Dermanyssus gallinae (Degeer)
Left: dorsal view of female
Right: ventral view of female



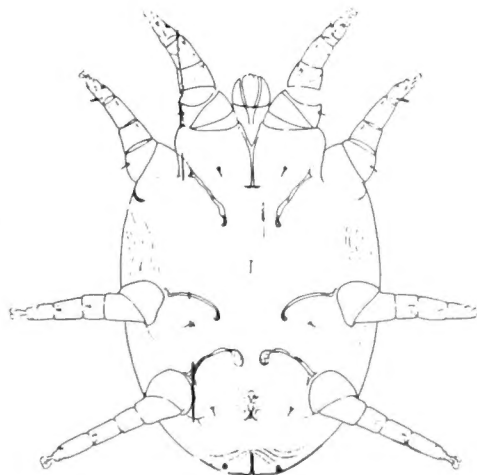
Scaly-Leg Mite
Cnemidocoptes mutans
Dorsal view of female



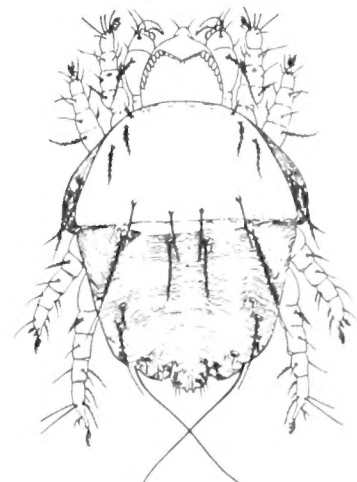
Notoedres sp.
Dorsal view of female
Taken from squirrel



Northern Fowl Mite
Ornithonyssus sylviarum (C. and F.)
Left: dorsal view of female
Right: ventral view of female



Air-Sac Mite
Cytodites nudus (Vizioli)
Ventral view of male



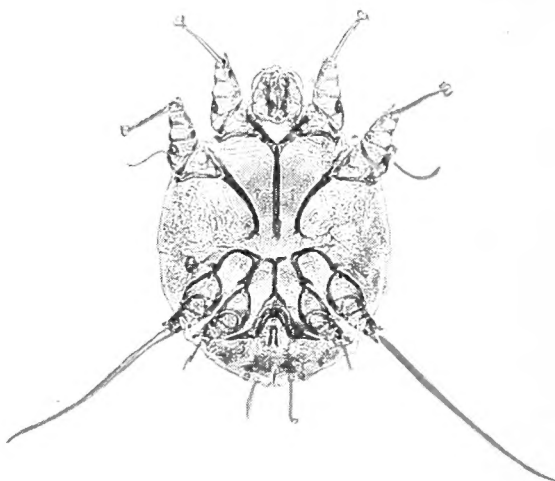
Rabbit Fur Mite
Cheyletiella parasitivorax (Megnin)
Dorsal view of female

Photomicrographs

Sarcoptes



Female

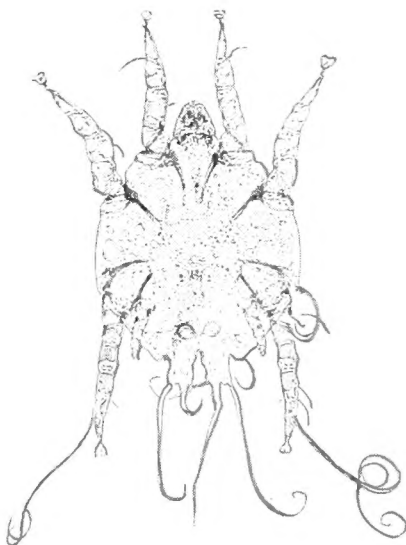


Male

Chorioptes

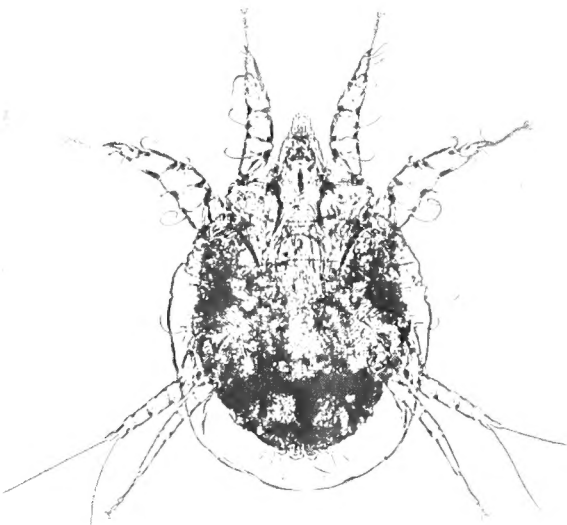


Female

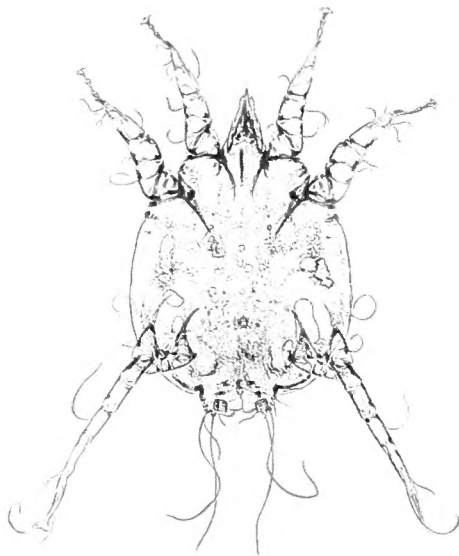


Male

Psoroptes



Female



Male

APHIS 91-19
(Formerly APHS 91-2)
Approved for reprinting
December 1981